

FORM PTO-1390  
(REV. 07-2005)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**10/588689**

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A  
FILING UNDER 35 U.S.C. 371**

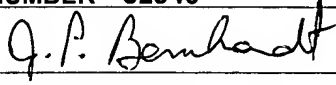
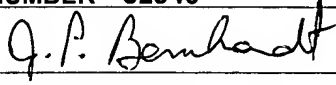
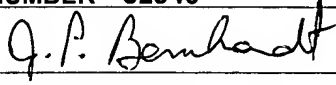
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
**TBD**

EXPRESS MAIL # **EV 695994907 US**

EXPRESS MAIL DATE **AUGUST 4, 2006**

INTERNATIONAL APPLICATION NO. <b>PCT/US2005/003567</b>	INTERNATIONAL FILING DATE <b>FEBRUARY 4, 2005</b>	PRIORITY DATE CLAIMED <b>FEBRUARY 4, 2004</b>
TITLE OF INVENTION <b>DUTP BASED COMPOSITIONS FOR REDUCING PRIMER-AGGREGATE FORMATIONS DURING NUCLEIC ACID AMPLIFICATION</b>		
APPLICANT(S) FOR DO/EO/US <b>RYAN SMITH WESTBERRY; LARS-ERIK PETERS; JESSICA JACLYN GREENLEE</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> had been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20. below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 included</li> <li><input type="checkbox"/> A preliminary amendment.</li> <li><input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/588689		PCT/US2005/003567		186257/US	
20. Other items or information:					
21. The following fees have been submitted:				CALCULATIONS	PTO USE ONLY
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-- 4)..... \$100.00 All other situations..... \$200.00				\$ 100.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00				\$ 100.00	
TOTAL OF 21, 22 and 23 =				\$ 500.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
37 - 100	0 /50 =	0	x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	18 -20 =	0	x \$50.00	\$ 0.00	
Independent claims	3 -3 =	0	x \$200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 360.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ N/A	
subtotal =				\$ N/A	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ N/A	
TOTAL national fee =				\$ 860.00	
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ N/A	
TOTAL fees enclosed =				\$ 860.00	
				Amount to be refunded:	\$
				charged:	\$

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <b>10/1588689</b>	INTERNATIONAL APPLICATION NO. <b>PCT/US2005/003567</b>	ATTORNEY'S DOCKET NUMBER <b>186257/US</b>						
<p>a. <input checked="" type="checkbox"/> A check in the amount <b>\$860.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <b>50-2319</b> in the amount of \$ _____ to cover the above fees.          A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-2319</b> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>								
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">           SEND ALL CORRESPONDENCE TO:         </td> <td style="width: 66%; border-bottom: 1px solid black;">           CUSTOMER NUMBER <b>32940</b> </td> </tr> <tr> <td style="border-bottom: 1px solid black; vertical-align: top;"> <b>TODD A. LORENZ</b>            Dorsey &amp; Whitney LLP            Intellectual Property Department            555 California Street            Suite 1000            San Francisco, CA 94104         </td> <td style="border-bottom: 1px solid black; vertical-align: top;">           Signature             Name <b>JEFFERY P. BERNHARDT FOR TODD A. LORENZ</b> </td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">           Registration Number <b>54,997 FOR 39,754</b> </td> </tr> </table>			SEND ALL CORRESPONDENCE TO:	CUSTOMER NUMBER <b>32940</b>	<b>TODD A. LORENZ</b> Dorsey & Whitney LLP Intellectual Property Department 555 California Street Suite 1000 San Francisco, CA 94104	Signature  Name <b>JEFFERY P. BERNHARDT FOR TODD A. LORENZ</b>		Registration Number <b>54,997 FOR 39,754</b>
SEND ALL CORRESPONDENCE TO:	CUSTOMER NUMBER <b>32940</b>							
<b>TODD A. LORENZ</b> Dorsey & Whitney LLP Intellectual Property Department 555 California Street Suite 1000 San Francisco, CA 94104	Signature  Name <b>JEFFERY P. BERNHARDT FOR TODD A. LORENZ</b>							
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